

In the Claims

1. (currently amended) A method of ~~checking configurations on a network including performing automated remote monitoring of each of a plurality of managed devices in the network,~~ the remote monitoring comprising:

~~for each port of a plurality of ports of each of said plurality of managed devices on the network,~~ accessing a database including retrieved configuration information for each port of each of a plurality of managed devices on a computer network and ~~its~~ for each of a plurality of respective associated ~~link~~ links to a respective other device, said configuration information indicating for said each port and said respective other device a respective duplex state and data transmission speed;

applying a series of interrogations to the database including the configuration information to determine whether said each port and associated link conform to at least one predetermined configuration criterion for each of said duplex state and data transmission speed;

and when the configuration of said each port and associated link does not conform to said at least one predetermined configuration criterion, providing an indication of the non conformity that has been determined.

2. - 11. (cancelled)

12. (previously presented) A method as in claim 1 in which the interrogations determine whether said each port and a port at the other end of said associated link are running the same duplex mode.

13. (previously presented) A method as in claim 12 in which the interrogations determine whether ports at both ends of said associated link are capable of full duplex operation.

14. (cancelled)

15. (previously presented) A method as in claim 1 in which said respective other device is a managed device and said series of interrogations determine (a) whether said associated link is a trunk link, and (b) whether each port in said trunk link is enabled.

16. - 18. (cancelled)

19. (previously presented) A method as in claim 1 in which the interrogations determine whether auto-negotiation is switched on at both ends of the link.

20. (previously presented) A method as in claim 19 in which the interrogations determine whether said each port has been set to run at a fixed speed less than its maximum capability with auto-negotiation.

21. - 23. (cancelled)

24. (previously presented) A digital data storage medium having stored therein a computer program comprising program instructions for causing a computer to perform the method of claim 1.

25. – 28. (cancelled)